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PTO-1390 (Rev. 02-2005)
Approved for use through 03/31/2007. OMB 0651-0021
U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER	D0590.70042US01
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	10/561098

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/GB2004/002628	17 June 2004 (17.06.2004)	17 June 2003 (17.06.2003)

TITLE OF INVENTION: ALCOHOL DEHYDROGENASE SEQUENCES USEFUL FOR DEVELOPING COMPOUNDS FOR THE PREVENTION AND/OR TREATMENT OF METABOLIC DISEASES

APPLICANT(S) FOR DO/EO/US: DE WILDE, Gert Jules Hector; SAUNDERS, Michael John Scott; LOGGHE, Marc Georges.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [X] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. [ ] This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. [ ] The US has been elected (Article 31).
5. [X] A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
   a. [ ] is attached hereto (required only if not communicated by the International Bureau).
   b. [X] has been communicated by the International Bureau.
   c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [ ] An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
   a. [ ] is attached hereto.
   b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).
7. [X] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
   a. [ ] are attached hereto (required only if not communicated by the International Bureau).
   b. [ ] have been communicated by the International Bureau.
   c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.
   d. [X] have not been made and will not be made.
8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. [ ] An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. [ ] An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [ ] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [X] A preliminary amendment.
14. [X] An Application Data Sheet under 37 CFR 1.76.
15. [ ] A substitute specification.
16. [ ] A power of attorney and/or change of address letter.
17. [X] A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821 - 1.825.
18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. [X] Other items or information: PCT Published Search Report; Statement under 37 C.F.R. §1.821 with Sequence List. (12p);

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DATE OF MAILING: 12/16/05

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The following fees have been submitted	CALCULATIONS	PTO USE ONLY
21. [X] Basic national fee (37 CFR 1.492(a)) $300	$ 300.00	
22. [X] Examination fee (37 CFR 1.492(c))		
If the written opinion prepared by the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... $ 0		
All other situations $200	$ 200.00	
23. [X] Search fee (37 CFR 1.492(b))		
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... $ 0		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority $100		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB $400		
All other situations $500	$ 400.00	
TOTAL OF 21, 22 and 23 =	$ 900.00	
[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.		

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number	RATE
- 100 =	/50 =		x $250.00

Surcharge of **$130.00** for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).					$	

CLAIMS	NUMBER FILED	NUMBER EXTRA		RATE		
Total claims	13 - 20 =	0	x	50.00	$	
Independent claims	4 - 3 =	1	x	200.00	$ 200.00	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+		$	
				TOTAL OF ABOVE CALCULATIONS =	$ 1100.00	
[X] Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					$	
				SUBTOTAL =	$ 550.00	
Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	$	
				TOTAL NATIONAL FEE =	$ 550.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property				+	$	
				TOTAL FEES ENCLOSED =	$ 550.00	
				Amount to be refunded:	$	
				Amount to be charged:	$	

a. [X] A check in the amount of $ 550.00 to cover the above fees is enclosed.

b. [ ] Please charge my Deposit Account No. 23/2825 in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 23/2825. A duplicate copy of this sheet is enclosed.

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2206
Tel. (617) 646-8000

CUSTOMER NUMBER: **23628**

SIGNATURE:

John R. Van Amsterdam

40, 212
REGISTRATION NUMBER